Evaluation

I think that overall our tech fair project was very good. We could have improved our creation based on the feedback in 3 ways:

1. Used better programs to facilitate the robot.
2. Make it more mobile by allowing it to move in all directions.
3. Used a clearer camera.

My target was to try to create a robot that can move, talk and make us feel better and we succeeded. Our criteria a, b, c, and d was of a high standard, because we knew what we wanted our robot to be like. We planned, investigated, researched, designed and presented our robot in a way that would entertain everyone. If I were to repeat this project again, I would use better materials and choose well known software and programs. In addition to that, I would buy a remote controlled car to put under it, so it could move automatically. Next year, I would design a robot with 1 amazing function and work on it, so that it has a purpose or function to help people. For example, I would make a robot that can guard a box, so I could insert a high tech camera, download a professional software, make it have an alarm and a heat sensor. I would make it have the head instead of the full body, because its purpose is not to move, but to stay grounded. I learnt many things, such as how to browse search engines to find relevant programs. Also I learnt how to connect the camera and the dynamics and the investigation behind building a robot. I also learnt how I.T can be used anywhere to help mankind. Many people responded differently to our robot; it was a feel- good robot. It improves your mood by having a polite and complimented conversation with you, it releases a relaxing smell and it watches you through its eye camera. I think the impact it had on life is to make people feel better, so I think that is why everyone liked it. It resembled the human anatomy, because we put the same features as the human, we inserted an eye, nose, mouth and feet. It also had clothes on! To make the PowerPoint presentation, it took one full period with my partner Laila, We did the investigation in class during 3 periods, for the evaluation it took 1 day. We thought and planned to make the robot during one day, but we needed a bit more time to perfect it. Our robot wasn’t made really good, because making things is my weakness, so I think that we tried our best and made a really good project. In the investigation part, we researched robot websites and looked at many different prototypes. We made a word document where acknowledged all websites and made a conclusion and evaluated their usefulness. For the design, we inserted a picture of a robot that looks like ours, and annotated it, so it looked like our vision. For the planning, we made a word document where we put everything that we did in each of the steps. We lastly created the robot and made a PowerPoint presentation about each of its feautres.